

[FIG.1]

CODE MULTIPLEXING NUMBER

11 SPREADING SECTION

16 GI ADDITION SECTION

5 17 TRANSMISSION RF SECTION

23 WEIGHTING FACTOR CALCULATION SECTION

22 CHANNEL INFORMATION DETECTION SECTION

21 CONTROL CHANNEL RECEPTION SECTION

20 RECEPTION RF SECTION

10

[FIG.2]

32 RECEPTION RF SECTION

33 GI ELIMINATION SECTION

38 DESPREADING SECTION

15 36 EGC COEFFICIENT CALCULATION SECTION

35 CHANNEL ESTIMATION SECTION

39 CONTROL CHANNEL TRANSMISSION SECTION

40 TRANSMISSION RF SECTION

20 [FIG.3]

SUBCARRIER

CHANNEL ESTIMATION VALUE

USE RECIPROCAL OF CHANNEL ESTIMATION VALUE AS WEIGHTING  
FACTOR

25 SUBCARRIER

WEIGHTING FACTOR

[FIG.4]

TRANSMIT POWER  
 SPREADING CODE #D  
 SPREADING CODE #C  
 SPREADING CODE #B  
 5 SPREADING CODE #A  
 FREQUENCY

[FIG.5]

100 TRANSMISSION APPARATUS  
 10 200 RECEPTION APPARATUS  
 300 RECEPTION APPARATUS

[FIG.6]

CODE MULTIPLEXING NUMBER  
 15 111 SPREADING SECTION  
 116 GI ADDITION SECTION  
 117 TRANSMISSION RF SECTION  
 123 WEIGHTING FACTOR CALCULATION SECTION  
 105 SPREADING CODE DETERMINING SECTION  
 20 122 CHANNEL INFORMATION DETECTION SECTION  
 121-1, 121-2 CONTROL CHANNEL RECEPTION SECTION  
 120 RECEPTION RF SECTION

[FIG.7]

25 232 RECEPTION RF SECTION  
 233 GI ELIMINATION SECTION  
 238 DESPREADING SECTION  
 236 MRC COEFFICIENT CALCULATION SECTION

235 CHANNEL ESTIMATION SECTION

239 CONTROL CHANNEL TRANSMISSION SECTION

240 TRANSMISSION RF SECTION

5 [FIG.8]

SUBCARRIER

CODE #A

CODE #B

CODE #C

10 CODE #D

[FIG.9]

TRANSMIT POWER

SPREADING CODE #D

15 SPREADING CODE #C

SPREADING CODE #B

SPREADING CODE #A

FREQUENCY